



### **502NAC-ACAG Information**



For Reference Only

Part Number 502NAC-ACAG Manufacturer Silicon Labs

Category Crystals, Oscillators, Resonators

**Programmable Oscillators** 

**Description** OSC PROG LVCMOS 1.7V-3.6V EN/DS

Package 4-SMD, No Lead

For the pricing/inventory/lead time, please contact

us

Website: https://www.heisener.com E-mail: salesdept@heisener.com



Request a Quote

# **Certified Quality**

Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.









## **502NAC-ACAG Specifications**

Category         Crystals, Oscillators, Resonators           Package         4-SMD, No Lead           Series         CMEMS? Si502           Type         CMEMS?           Programmable Type         Programmed as Request           Available Frequency Range         32kHz ~ 100MHz           Function         Enable/Disable           Output         LVCMOS           Voltage - Supply         1.7 V ~ 3.6 V           Frequency Stability         -           Frequency Stability (Total)         ±50ppm           Operating Temperature         -40°C ~ 85°C           Spread Spectrum Bandwidth         -           Current - Supply (Max)         8.9mA           Ratings         -           Mounting Type         Surface Mount           Package / Case         4-SMD, No Lead           Size / Dimension         0.126" L x 0.098" W (3.20mm x 2.50mm)		
Category         Crystals, Oscillators, Resonators           Programmable Oscillators           Package         4-SMD, No Lead           Series         CMEMS? Si502           Type         CMEMS?           Programmable Type         Programmed as Request           Available Frequency Range         32kHz ~ 100MHz           Function         Enable/Disable           Output         LVCMOS           Voltage - Supply         1.7 V ~ 3.6 V           Frequency Stability         -           Frequency Stability (Total)         ±50ppm           Operating Temperature         -40°C ~ 85°C           Spread Spectrum Bandwidth         -           Current - Supply (Max)         8.9mA           Ratings         -           Mounting Type         Surface Mount           Package / Case         4-SMD, No Lead           Size / Dimension         0.126" L x 0.098" W (3.20mm x 2.50mm)           Height         0.035" (0.90mm)	Manufacturer Part Number	502NAC-ACAG
Package         4-SMD, No Lead           Series         CMEMS? Si502           Type         CMEMS?           Programmable Type         Programmed as Request           Available Frequency Range         32kHz ~ 100MHz           Function         Enable/Disable           Output         LVCMOS           Voltage - Supply         1.7 V ~ 3.6 V           Frequency Stability         -           Frequency Stability (Total)         ±50ppm           Operating Temperature         -40°C ~ 85°C           Spread Spectrum Bandwidth         -           Current - Supply (Max)         8.9mA           Ratings         -           Mounting Type         Surface Mount           Package / Case         4-SMD, No Lead           Size / Dimension         0.126" L x 0.098" W (3.20mm x 2.50mm)           Height         0.035" (0.90mm)	Manufacturer	Silicon Labs
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Type CMEMS?  Programmable Type Programmed as Request  Available Frequency Range 32kHz ~ 100MHz  Function Enable/Disable  Output LVCMOS  Voltage - Supply 1.7 V ~ 3.6 V  Frequency Stability -  Frequency Stability (Total) ±50ppm  Operating Temperature -40°C ~ 85°C  Spread Spectrum Bandwidth -  Current - Supply (Max) 8.9mA  Ratings -  Mounting Type Surface Mount  Package / Case 4-SMD, No Lead  Size / Dimension 0.126" L x 0.098" W (3.20mm x 2.50mm)  Height 0.00000000000000000000000000000000000	Package	4-SMD, No Lead
Programmable Type Programmed as Request  Available Frequency Range 32kHz ~ 100MHz  Function Enable/Disable  Output LVCMOS  Voltage - Supply 1.7 V ~ 3.6 V  Frequency Stability -  Frequency Stability (Total) ±50ppm  Operating Temperature -40°C ~ 85°C  Spread Spectrum Bandwidth -  Current - Supply (Max) 8.9mA  Ratings -  Mounting Type Surface Mount  Package / Case 4-SMD, No Lead  Size / Dimension 0.126" L x 0.098" W (3.20mm x 2.50mm)  Height 0.00000000000000000000000000000000000	Series	CMEMS? Si502
Available Frequency Range  Function  Enable/Disable  Output  LVCMOS  Voltage - Supply  1.7 V ~ 3.6 V  Frequency Stability  Frequency Stability (Total)  Operating Temperature  -40°C ~ 85°C  Spread Spectrum Bandwidth  -  Current - Supply (Max)  Ratings  -  Mounting Type  Surface Mount  Package / Case  4-SMD, No Lead  Size / Dimension  0.035" (0.90mm)	Туре	CMEMS?
Function Enable/Disable Output LVCMOS Voltage - Supply 1.7 V ~ 3.6 V Frequency Stability - Frequency Stability (Total) ±50ppm Operating Temperature -40°C ~ 85°C Spread Spectrum Bandwidth - Current - Supply (Max) 8.9mA Ratings - Mounting Type Surface Mount Package / Case 4-SMD, No Lead Size / Dimension 0.126" L x 0.098" W (3.20mm x 2.50mm) Height 0.005" (0.90mm)	Programmable Type	Programmed as Request
OutputLVCMOSVoltage - Supply $1.7 \text{ V} \sim 3.6 \text{ V}$ Frequency Stability-Frequency Stability (Total) $\pm 50 \text{ppm}$ Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Spread Spectrum Bandwidth-Current - Supply (Max) $8.9 \text{mA}$ Ratings-Mounting TypeSurface MountPackage / Case $4-\text{SMD}$ , No LeadSize / Dimension $0.126^{\circ}\text{ L} \times 0.098^{\circ}\text{ W} (3.20 \text{mm} \times 2.50 \text{mm})$ Height $0.035^{\circ}$ (0.90 mm)	Available Frequency Range	32kHz ~ 100MHz
Voltage - Supply  1.7 V ~ 3.6 V  Frequency Stability  - Frequency Stability (Total)  Operating Temperature  -40°C ~ 85°C  Spread Spectrum Bandwidth  - Current - Supply (Max)  Ratings  - Mounting Type  Surface Mount  Package / Case  Size / Dimension  0.126" L x 0.098" W (3.20mm x 2.50mm)  Height  1.7 V ~ 3.6 V   1.7 V ~ 3.6 V    1.7 V ~ 3.6 V      -  0.10 V  450 PM  -  0.10 V  0.10 V	Function	Enable/Disable
Frequency Stability (Total)  Frequency Stability (Total)  Operating Temperature  -40°C ~ 85°C  Spread Spectrum Bandwidth  - Current - Supply (Max)  Ratings  - Mounting Type  Surface Mount  Package / Case  Size / Dimension  0.126" L x 0.098" W (3.20mm x 2.50mm)  Height  -  -  -  -  -  -  -  -  -  -  -  -  -	Output	LVCMOS
Frequency Stability (Total) ±50ppm  Operating Temperature -40°C ~ 85°C  Spread Spectrum Bandwidth -  Current - Supply (Max) 8.9mA  Ratings -  Mounting Type Surface Mount  Package / Case 4-SMD, No Lead  Size / Dimension 0.126" L x 0.098" W (3.20mm x 2.50mm)  Height 0.035" (0.90mm)	Voltage - Supply	1.7 V ~ 3.6 V
Operating Temperature -40°C ~ 85°C  Spread Spectrum Bandwidth -  Current - Supply (Max) 8.9mA  Ratings -  Mounting Type Surface Mount  Package / Case 4-SMD, No Lead  Size / Dimension 0.126" L x 0.098" W (3.20mm x 2.50mm)  Height 0.035" (0.90mm)	Frequency Stability	-
Spread Spectrum Bandwidth         -           Current - Supply (Max)         8.9mA           Ratings         -           Mounting Type         Surface Mount           Package / Case         4-SMD, No Lead           Size / Dimension         0.126" L x 0.098" W (3.20mm x 2.50mm)           Height         0.035" (0.90mm)	Frequency Stability (Total)	±50ppm
Current - Supply (Max)       8.9mA         Ratings       -         Mounting Type       Surface Mount         Package / Case       4-SMD, No Lead         Size / Dimension       0.126" L x 0.098" W (3.20mm x 2.50mm)         Height       0.035" (0.90mm)	Operating Temperature	-40°C ~ 85°C
Ratings - Mounting Type Surface Mount Package / Case 4-SMD, No Lead Size / Dimension 0.126" L x 0.098" W (3.20mm x 2.50mm) Height 0.035" (0.90mm)	Spread Spectrum Bandwidth	-
Mounting Type Surface Mount  Package / Case 4-SMD, No Lead Size / Dimension 0.126" L x 0.098" W (3.20mm x 2.50mm)  Height 0.035" (0.90mm)	Current - Supply (Max)	8.9mA
Package / Case 4-SMD, No Lead Size / Dimension 0.126" L x 0.098" W (3.20mm x 2.50mm) Height 0.035" (0.90mm)	Ratings	-
Size / Dimension       0.126" L x 0.098" W (3.20mm x 2.50mm)         Height       0.035" (0.90mm)	Mounting Type	Surface Mount
Height 0.035" (0.90mm)	Package / Case	4-SMD, No Lead
	Size / Dimension	0.126" L x 0.098" W (3.20mm x 2.50mm)
Report errors?	Height	0.035" (0.90mm)
		Report errors?

#### **502NAC-ACAG Guarantees**



#### **Quality Guarantees**

We provide 90 days warranty. \*

If the items you received were not in perfect quality, we would be responsible for your refund or replacement, but the items must be returned in their original condition.



#### **Service Guarantees**

We guarantee 100% customer satisfaction.

Our experienced sales team and tech support team back our services to satisfy all our customers.

## **502NAC-ACAG Payment Methods**



















### **502NAC-ACAG Shipping Methods**













If you have any question about 502NAC-ACAG, please do not hesitate to contact us!

Website: https://www.heisener.com E-mail: salesdept@heisener.com